Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Installation Procedures (IP) for
<name and version of software/segment>

<Document Version (if applicable)>

<Date>

Prepared for:

Defense Information Systems Agency

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Notes on Using the Template

1. Refer to Section 3.1 and 3.2 of the *DII COE Developer Documentation Requirements* for format requirements and guidelines for using the templates.
2. This template has been formatted for a small document (12 pages or less). Section headings are left adjusted (refer to Section 3.1.6 of the *DII COE Developer Documentation Requirements*) and are not required to begin on a new odd page.

1. Scope

This section shall be divided into the following paragraphs.

1.1 Identification

This paragraph shall contain a full identification of the system and the software. It must provide the name(s), title(s), abbreviation(s), version number(s), and the release number(s). Identification must include the operating system platform(s) to which this document applies.

1.2 System Overview

This paragraph shall provide a brief description of the general nature, purpose, and function of the system/software.

Provide references to additional information sources. Include documentation that may assist the user when problems are encountered. Identify each document by document number, title, version/revision, date, and source. Provide a point of contact to be used for reporting problems. Include facilities or organizations equipped to help in the event problems are encountered during installation. Identify organizations with mailing address, telephone number, fax number, and Web page or Internet address, as available.

2. Referenced Documents

Provide a list of documents referenced in this document. List each document by document number, title, version/revision, and date. Identify the source for all documents not available through the Government.

3. System Environment

Describe the system environment necessary to perform the installation of the software in this section. Include system and software configuration information, identify dependencies and compatibility issues, and provide any procedures that must be performed prior to installing the software.

3.1 System Requirements

3.1.1 Hardware Requirements

<Document Number>

Identify all system hardware resources required to perform the software installation by name, number, type, size, etc. Provide the RAM and hard disk space required by the software/segment. Provide other requirements for computers, memory, drives, and other devices or components, as applicable.

3.1.2 Operating System Requirements

Identify the operating system and related components required to perform the software installation by names, version numbers, and release numbers, as applicable.

3.1.3 Kernel Requirements

Identify the DII COE Kernel version required to perform the software installation by name, version number, and release number, as applicable.

3.2 System and Site Preparations

Describe the system and site preparations that need to be performed prior to installing the software. Provide procedures for setting up the hardware and software, as needed. Identify hardware/software dependencies and exceptions to configuration, as applicable.

3.2.1 System Configuration

List any software or hardware components that must be installed and configured prior to the installation of the software (e.g., Telecom, Distributed Computing Environment (DCE), etc.). This section may cover requirements for upgrading specific system software with version dependencies.

3.2.2 Operating System Preparation

Provide procedures or information, if any, needed to prepare the operating system. Provide specific system requirements prior to installation (e.g., security, system privileges).

3.2.3 Tape/Disk Preparation

Provide procedures or information needed to prepare the tape or disk drive and related media, as applicable. Identify the physical media containing the software. Describe the disk partitioning and library set-ups that may be required.

4. Installation Instructions

Provide the step by step procedure and instructions for installing, configuring, and initializing the system software or segment into the appropriate libraries using the COE approved guideline for segment installation and verification.

4.1 Media Booting Procedure

Provide instruction for booting the media containing the software, as needed, with specific options when required for the installation.

4.2 Installation Procedures

Provide the step by step procedures for configuring and installing the software. Provide instructions on how to load or download the software or segment into specific libraries using the DII COE approved guidelines for segment installation and verification.

4.3 Installation of Upgrades

Provide the step by step procedures and instructions for upgrading already installed software with new versions or patches. Identify the loading or downloading sequence and options for the software or segment installation.

4.4 Installation Verification

Describe procedures or a method (such as a checklist) for determining if the software installation was successful. This section may also describe and provide instructions for any software verification routines or programs provided, if any.

4.5 Initializing the Software

Describe the steps to be performed at the completion of the software installation. Include the procedures required for the initialization of system and software program operations.

4.6 List of Changes and Enhancements

Provide a brief description of the changes, enhancements, and fixes (patches) incorporated into this version of the software. Reference the applicable SVD for a detailed list of the software changes.

4.7 Important Considerations

Provide any security, licensing, privacy, and/or safety precautions and instruction relevant to the software being installed. This section may also provide critical back-up and archiving instruction.

5. Notes

Provide general information to assist in the understanding of this document. This section may include a list of acronyms and abbreviations, and a list of terms and definitions.

6. Documentation Improvement and Feedback

Comments and other feedback on this document should be directed to the DII COE Hotline:

Phone: 703-735-8681

Fax.:   703-735-3080
Email: HotlineC@ncr.disa.mil

A. Appendices

Appendices may be used to provide additional information published separately for convenience in document maintenance. The appendices shall be referenced in the main body of the document, where applicable.